WM-SXF39/SXF44

SERVICE MANUAL

Photo: WM-SXF44

US Model
Canadian Model
WM-SXF39/SXF44

AEP Model
UK Model
E Model
WM-SXF44

Model Name Using Similar Mechanism	New
Tape Transport Mechanism Type	MF-WMSXF39

SPECIFICATIONS

Radio Frequency

FM: 87.5 – 108 MHz (0.05 MHz step)
AM: 522 – 1,611 kHz (9 kHz step, for Italian)
AM: 530 – 1,710 kHz (10 kHz step, for US, Canadian)
AM: 531 – 1,602 kHz (9 kHz step, for AEP, UK, E, Germany, Saudi Arabia)

Power Requirements

3 V DC Batteries AA (R6) x 2

Battery Life

(approximate hours when using the batteries specified below)

Battery	Playback	Radio
Sony Alkaline AM3 (N)	7 hours	30 hours
Sony SUM-3 (NS)	3 hours	13 hours

Supplied Accessories

– Stereo headphones (1)
– Belt clip (1)
– Hand strap (1)
– Strap loop (1)

Design and specifications are subject to charge without notice.

RADIO CASSETTE PLAYER

SONY®

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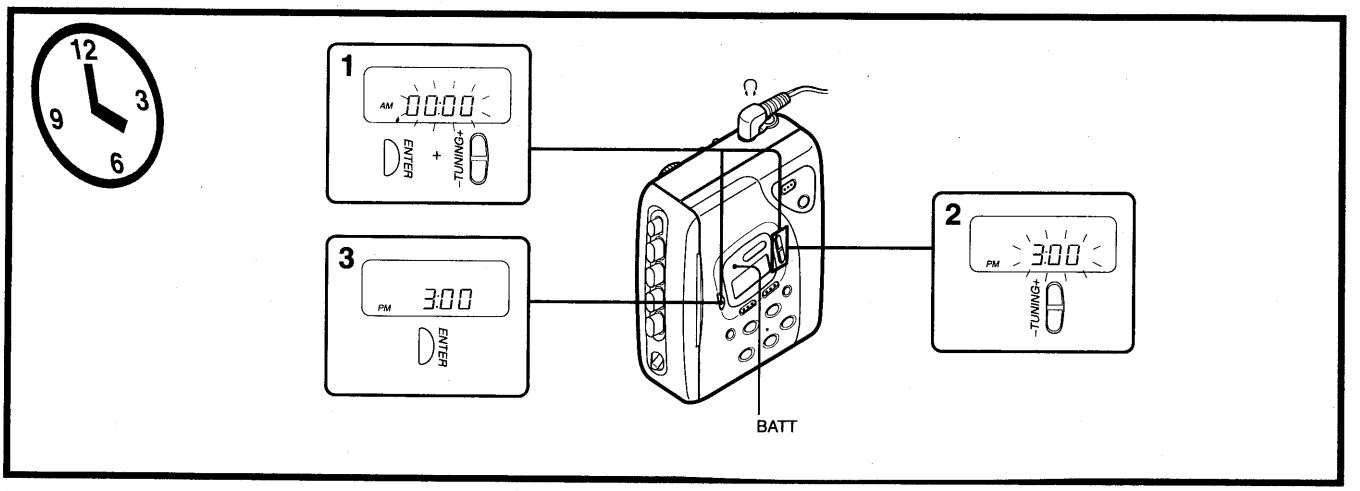
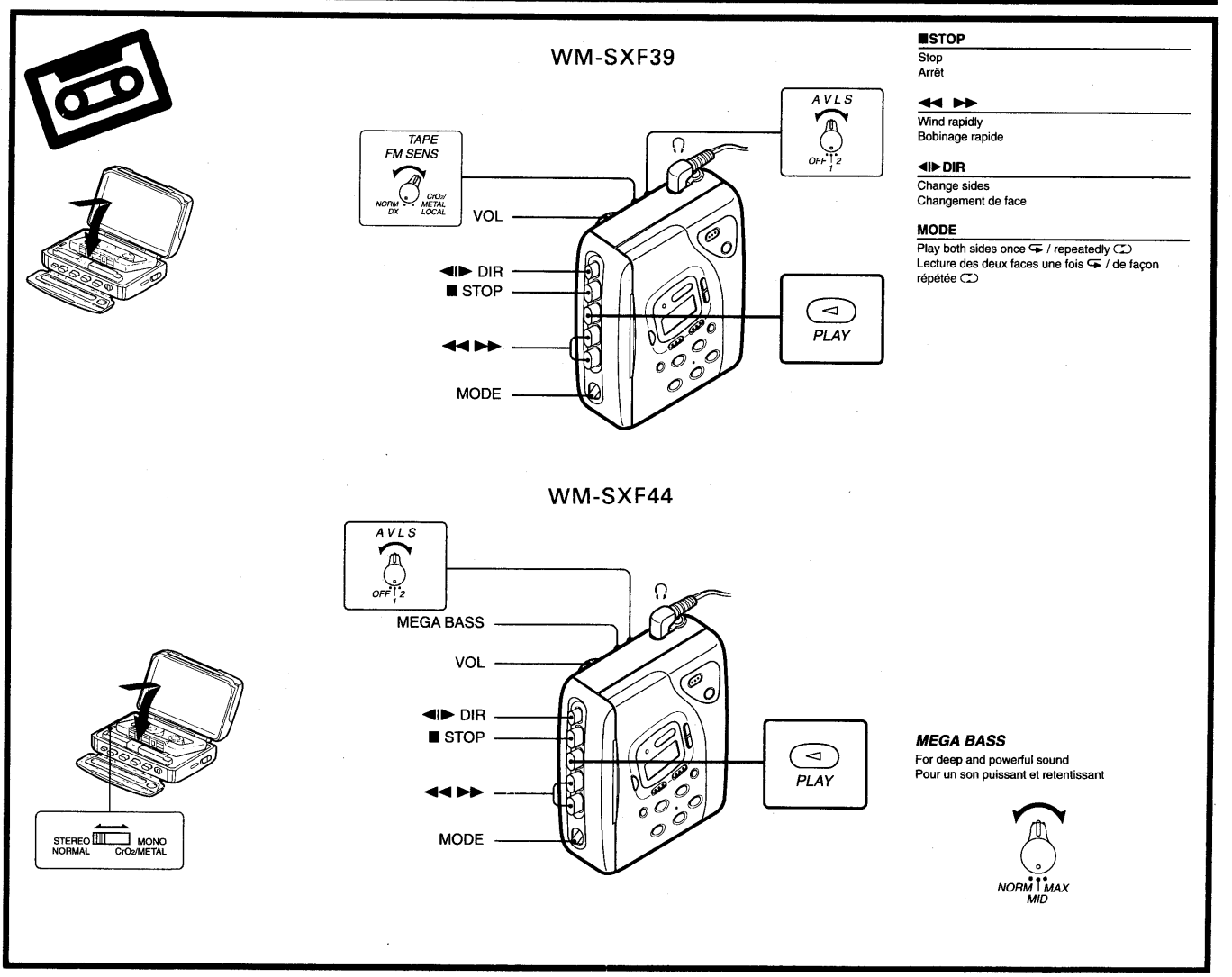
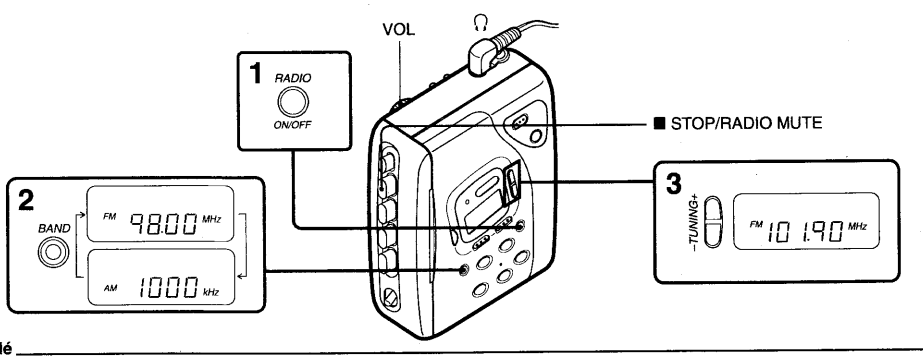
SECTION 1
GENERAL

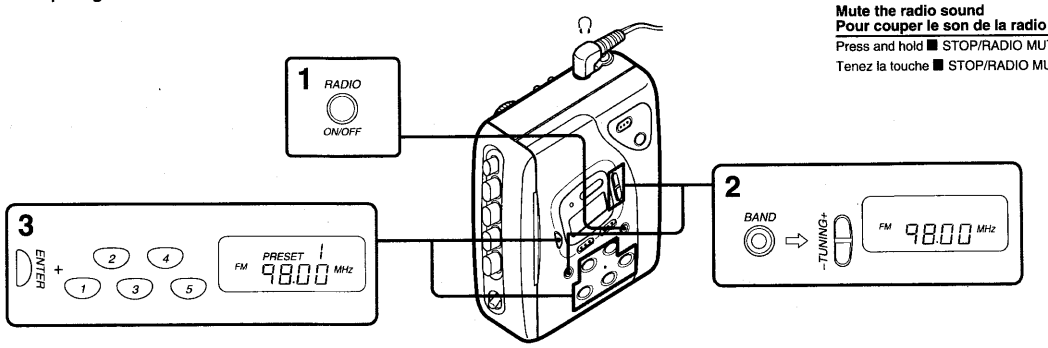
This section is extracted from instruction manual.







Preset tuning/Accord préréglé



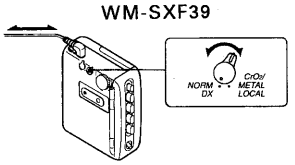
Mute the radio sound
Pour couper le son de la radio

Press and hold ■ STOP/RADIO MUTE button.
Tenez la touche ■ STOP/RADIO MUTE enfoncée.

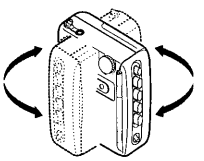
Improve radio reception/Amélioration de la réception radio

FM
Extend the headphones cord or adjust the FM SENS selector.
Déployez le cordon du casque ou réglez le sélecteur FM SENS.

WM-SXF39

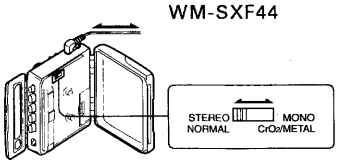


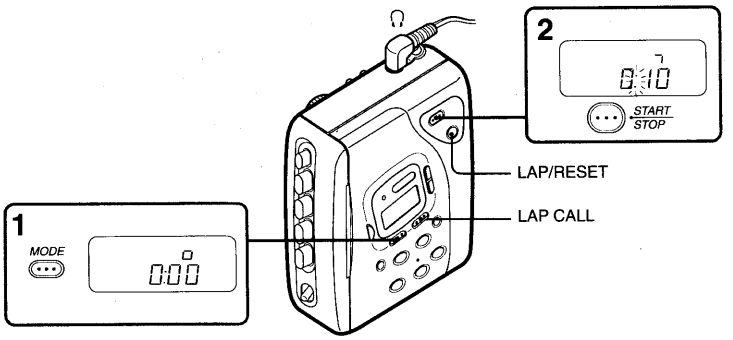
AM (MW)
Rotate the Walkman.
Tournez le Walkman.



FM
Extend the headphones cord or adjust the FM MODE selector.
Déployez le cordon du casque ou réglez le sélecteur FM MODE.

WM-SXF44





MODE
Switch the current time/ the stopwatch.
Pour passer de l'heure au chronomètre.

LAP CALL
Recall the lap time after stopping the timing.
Pour rappeler le temps intermédiaire après l'arrêt du chronomètre.

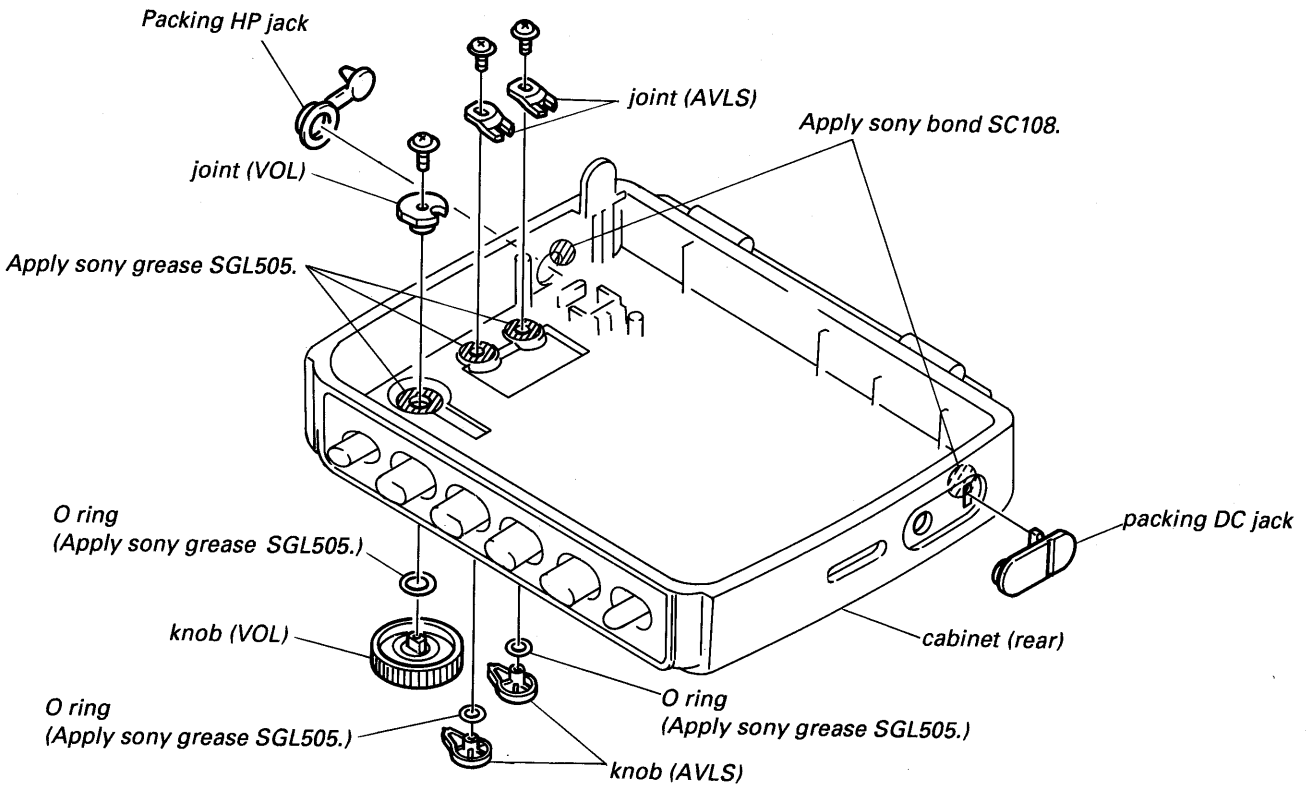
Store the lap time
Pour mémoriser le temps intermédiaire
Press LAP/RESET while timing.
Appuyez sur LAP/RESET pendant le chronométrage.

Clear the timing and the lap time
Pour annuler le temps total et le temps intermédiaire
Press LAP/RESET after stopping the timing.
Appuyez sur LAP/RESET après avoir arrêté le chronomètre.

SECTION 2
NOTE ON REPAIR

WATERPROOFED SECTION

Apply the designated bond and grease to portion ▨, when replacing the following parts:

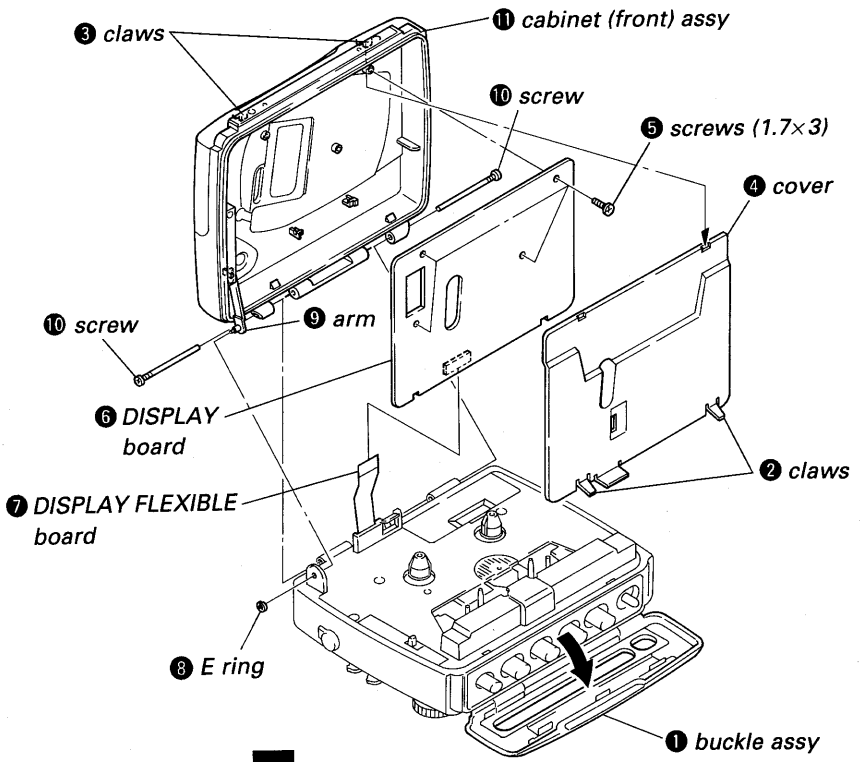


Sony bond SC108 : 7-432-909-04
Sony grease SGL-505 : 7-662-010-04

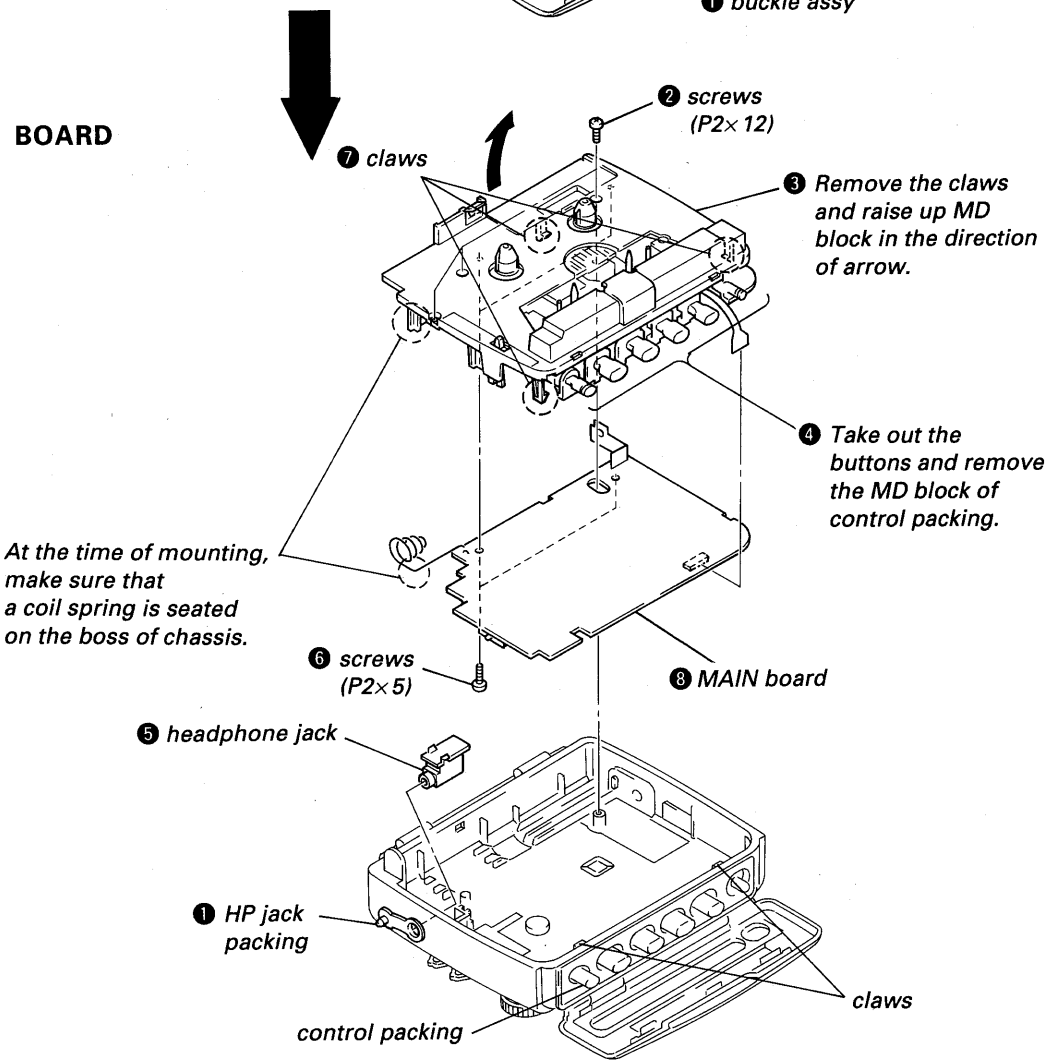
SECTION 3
DISASSEMBLY

NOTE: Follow the disassembly procedure in the numerical order given.

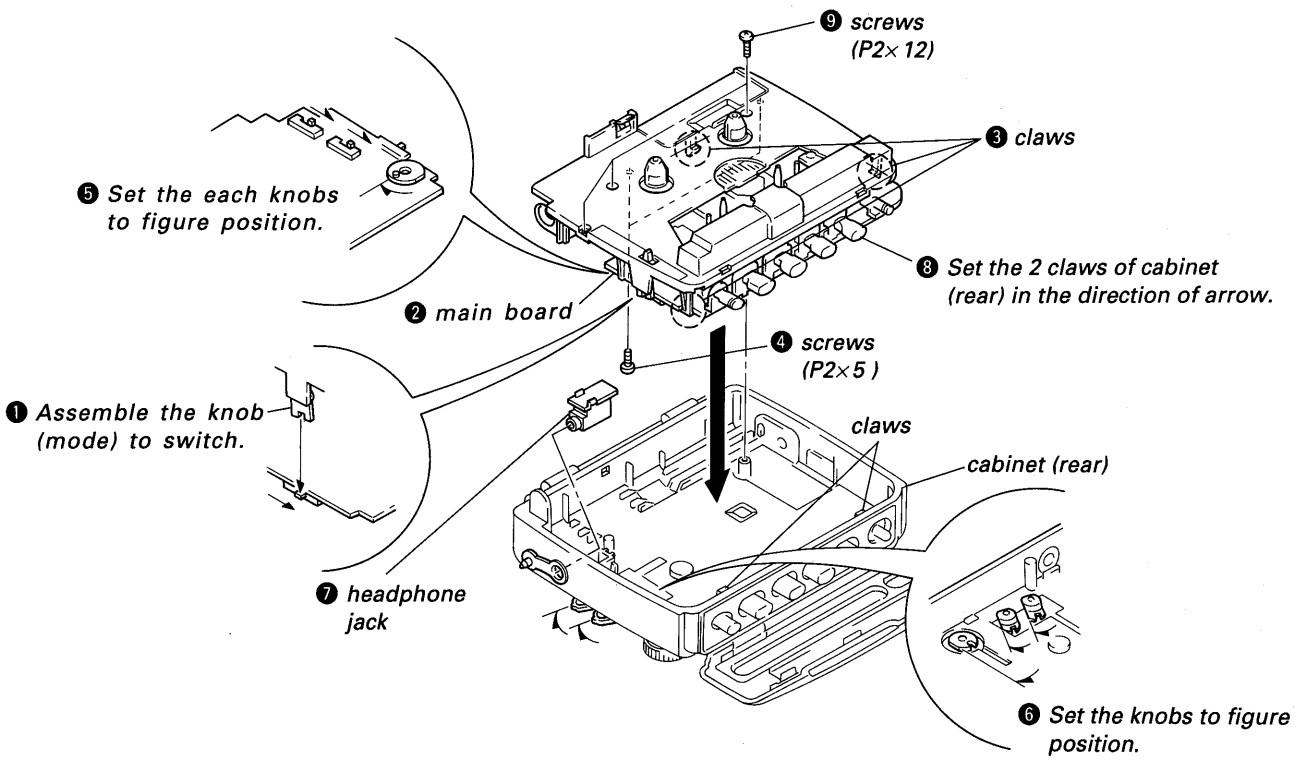
3-1. CABINET (FRONT) ASSY



3-2. MAIN BOARD


❷ screws (P2× 12)
❼ claws
❸ Remove the claws and raise up MD block in the direction of arrow.
❹ Take out the buttons and remove the MD block of control packing.
At the time of mounting, make sure that a coil spring is seated on the boss of chassis.
❻ screws (P2×5)
❽ MAIN board
❺ headphone jack
❶ HP jack packing
claws
control packing

3-3. ASSEMBLY OF MAIN BLOCK


❾ screws (P2× 12)
❸ claws
❺ Set the each knobs to figure position.
❽ Set the 2 claws of cabinet (rear) in the direction of arrow.
❷ main board
❹ screws (P2×5)
❶ Assemble the knob (mode) to switch.
claws
cabinet (rear)
❼ headphone jack
❻ Set the knobs to figure position.

SECTION 4
MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol moistend swab:
   playback head — pinch roller
   capstan — rubber belts
2. Demagnetize the playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage (3 V) unless otherwise noted.

Torque Measurement

Mode	Torque meter	Meter reading
FWD	CQ-102C	23—45 g·cm (0.32—0.62 oz·inch)
FWD Back Tension		1—3 g·cm (0.01—0.04 oz·inch)
REV	CQ-102RC	23—45 g·cm (0.32—0.62 oz·inch)
REV Back Tension		1—3 g·cm (0.01—0.04 oz·inch)
FF, REW	CQ-201B	55—130 g·cm (0.76—1.80 oz·inch)

Tape Tension Measurement

Mode	Torque meter	Meter reading
FWD	CQ-403A	more than 50 g·cm (more than 0.69 oz·inch)
REV	CQ-403R	

SECTION 5
ELECTRICAL ADJUSTMENTS

5-1. TAPE SECTION

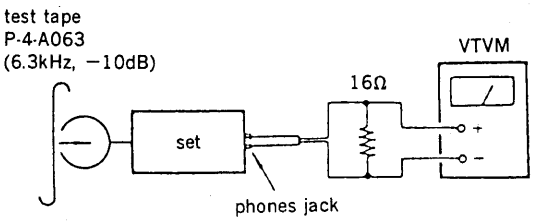
• Test Tape

Type	Signal	Used for
P-4-A063	6.3kHz, −10dB	head azimuth adjustment
WS-48A	3kHz, 0dB	tape speed adjustment

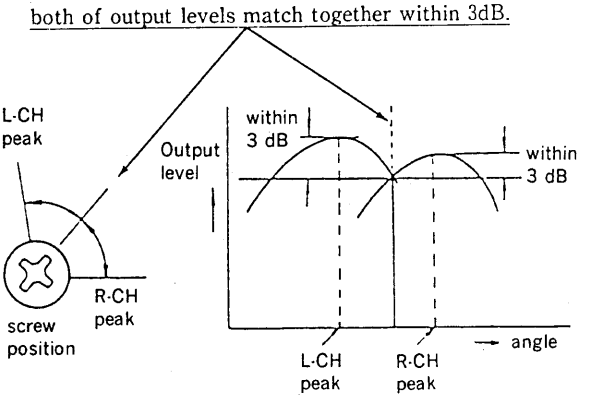
PB Head Azimuth Adjustment

Procedure:

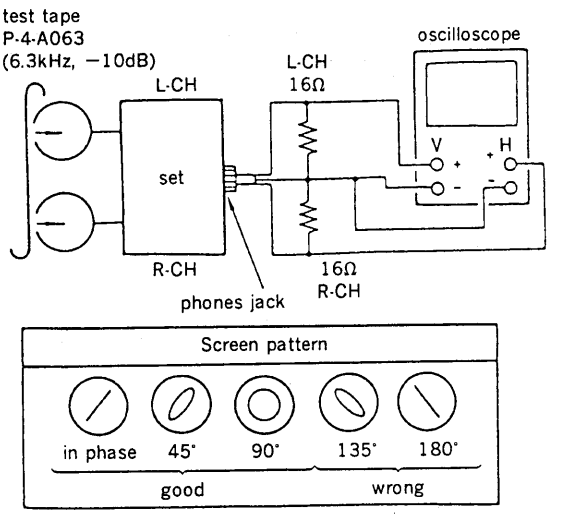
1. Mode: playback



2. Turn the adjustment screw for the maximum output levels. If these levels do not match. turn the adjustment screw until both of output levels match together within 3dB.

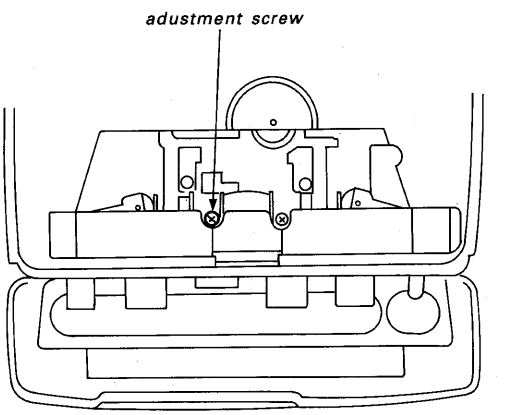


3. Phase Check
   Mode: playback



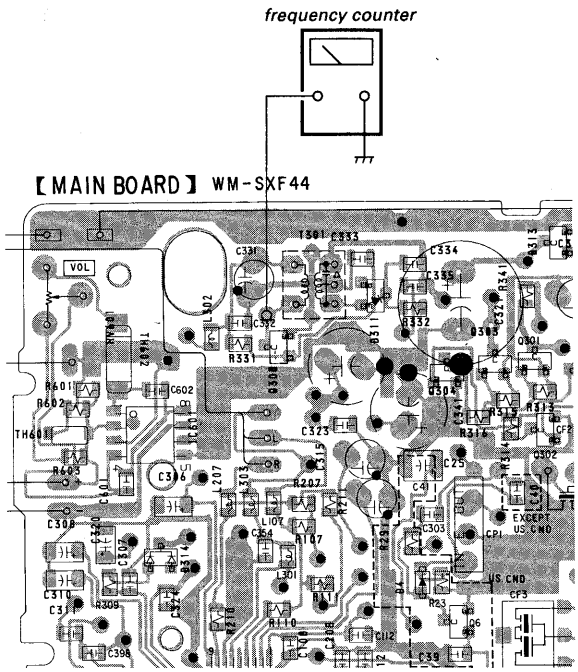
Note: Finish the screw adjustment with a turn in the clockwise direction.
After the adjustment, lock the adjustment screw.

Adjustment Location:



D/D CONVERTER FREQUENCY Adjustment

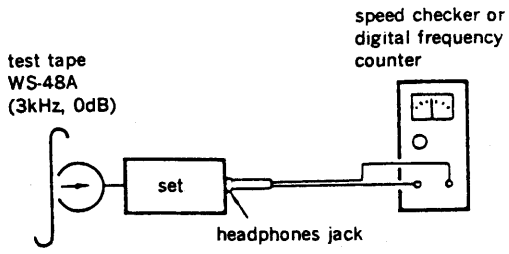
D/D CONVERTER FREQUENCY ADJUSTMENT	
Display indication	2745 kHz — 2755 kHz
Adjustment part	T301



Tape Speed Adjustment

Procedure :

Mode : playback

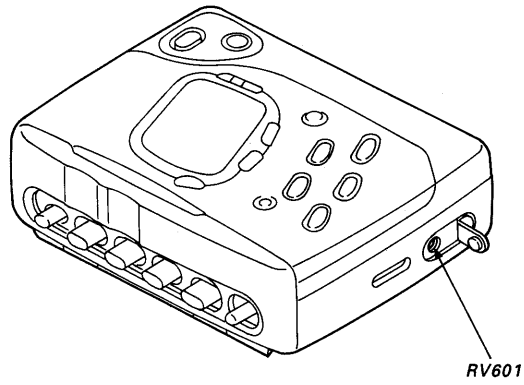


Specification :

speed checker	digital frequency counter
±2%	2,970 — 3,030Hz

Frequency difference between the beginning and the end of the tape should be within ±2.5% (±75Hz).

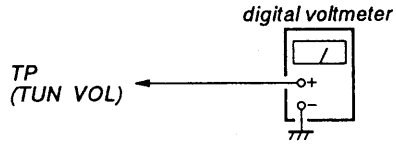
Adjustment Location:



5-2. RADIO SECTION

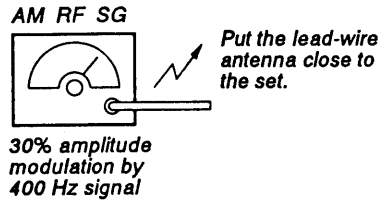
AM SECTION

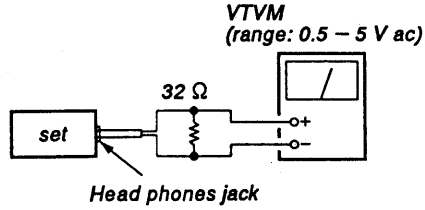
BAND switch: AM



AM TUNING VOLTAGE ADJUSTMENT	
Adjust for following values on digital voltmeter	
Display indication	AM 530kHz
Digital voltmeter reading	0.80 ± 0.02V
Adjustment part	L4

AM Tracking Adjustment





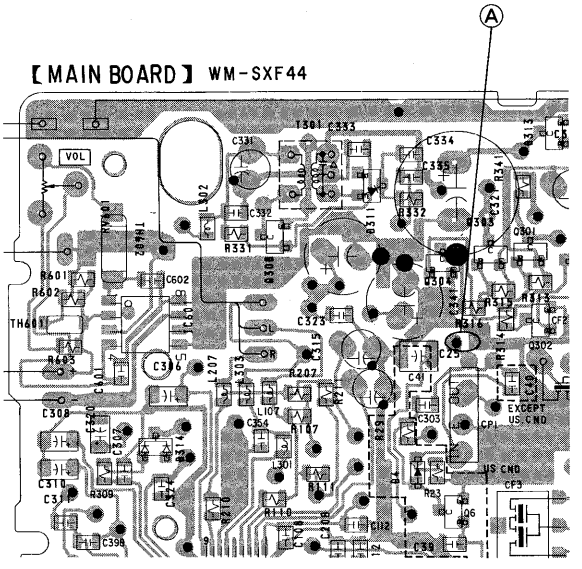
• Repeat the procedures in each adjustment several times, and the tracking adjustment should be finally done by the trimmer capacitors.

AM TRACKING ADJUSTMENT		
Adjust for a maximum reading on VTVM.		
Display indication	AM 620kHz	AM 1,400kHz
SG frequency	620kHz	1,400kHz
Adjustment part	L1	CT1

AM IF ALIGNMENT	
Adjust for a maximum reading on VTVM.	
SG frequency	1,710kHz
Adjsutment parts	T1

FM SECTION

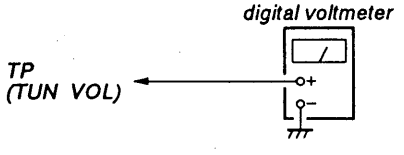
Adjustment Procedure:
Remove the solder bridge at portion Ⓐ on MAIN board.



Make a solder bridge at Ⓐ portion

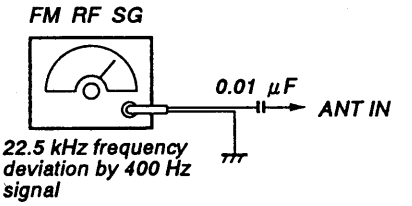
FM Tuning Voltage Adjsutment

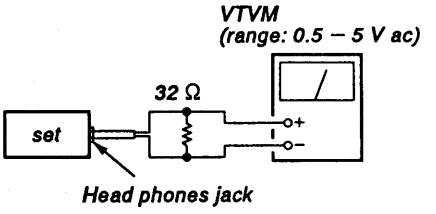
BAND switch: FM



FM TUNING VOLTAGE ADJUSTMENT	
Adjust for following values on digital voltmeter	
Display indication	FM 87.5MHz
Digital voltmeter reading	2.0 ± 0.02V
Adjustment part	L3

FM Tracking Adjustment

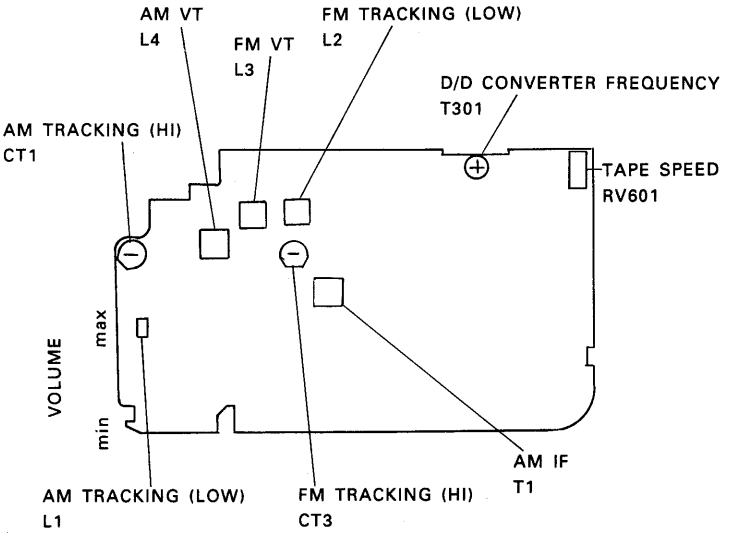




• Repeat the procedures in each adjustment several times, and the tracking adjustment should be finally done by the trimmer capacitors.

FM TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
Display indication	FM 87.5MHz
SG frequency	87.5MHz
Adjustment part	CT3, L2

Adjustment Location:
[MAIN BOARD] (COMPONENT SIDE)



SECTION 6
DIAGRAMS

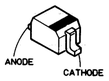
6-1. IC401 μPD1724GB-631-1A7 PIN FUNCTION DESCRIPTION

Pin No.	Pin Name	Signal Name	Description	ACTIVE
1 | 10	LCD10 | LCD1	LCD Segment Signals	Segment signal output to LCD panel	———
11	NC	NC	NC	Not used
12 | 14	COM3 | COM1	LCD Common Signals	Common signal output to LCD panel	———
15	VSS3	Capacitor Connect Pins for Doubler	Connect capacitors for doubler circuit to generate LCD drive voltage (3.1V TYP.)	———
16	CAP2			
17	CAP1			
18	VSS2			
19	VDP	Mute Signal	Mute pin to climinate noise generated by tuner power ON, shock due to PLL unlocking or key scanning	Low
20	CGP	Beep Signal	3 kHz beep output	High
21	NC	NC	NC	Not used
22	VDD	VDD	Power supply input	———
23	VCOH	FM Local OSC. Input 1	VDD input through capacitor	———
24	VCOM	FM Local OSC. Input 2	PLL local oscillation frequency input at pulse swallow (HF)	———
25	VCOL	AM Local OSC. Input	PLL local oscillation frequency input at direct frequency division (MF)	———
26	VSS	GND	Ground	———
27	E01	Error Out	PLL error output	Not used
28	E02	Error Out	NC	Not used
29	CE	Chip Enable	Device select signal input High → Normal operation Low → Time & "E" display (Stopwatch, radio and tape cannot operate)	Input
30 31	XO XI	Crystal Oscillator	Connect crystal oscillator 75 kHz crystal is used	———
32	VSS4	REG Capacitor	Connect regulator capacitor in crystal oscillation circuit	———
33	PA3	FWD	Tape playback direction FWD input (If high, "FWD" is displayed)	Input
34	PA2	REV	Tape playback direction REV input (If high, "REV" is displayed)	Input
35	PA1	AVLS	AVLS input (If high, "☺" is displayed)	Input
36	PA0	Channel Space Switching	channel space is set to 9 kHz if PAO is low at time display, or to 10 kHz otherwise	Input
37	PB3	Radio Power Output	Tuner power control	High
38	PB2	AM/FM	High at AM, or Low at FM and radio OFF	Hith
39	PB1	NC	NC	Not used
40	PB0	Destination Selection	Destination is selected by matrix key signals at initial power ON	Input
41 | 44	PC3 | PC0	Matrix Key Signal Source	Matrix key signal source output At initial power ON, port C outputs "low" to allow input for destination selection	High
45 | 48	K3 | K0	Key Input signal	Matrix key input signal At initial power ON, K0 and K1 input signals are used to select destination	Input
49	NC	NC	NC	Not used
50	NC	NC	NC	Not used
51 | 56	LCD16 | LCD11	LCD Segment Signals	Segment signal output to LCD panel	———

6-2. PRINTED WIRING BOARDS

• Semiconductor Lead Layout

1T33

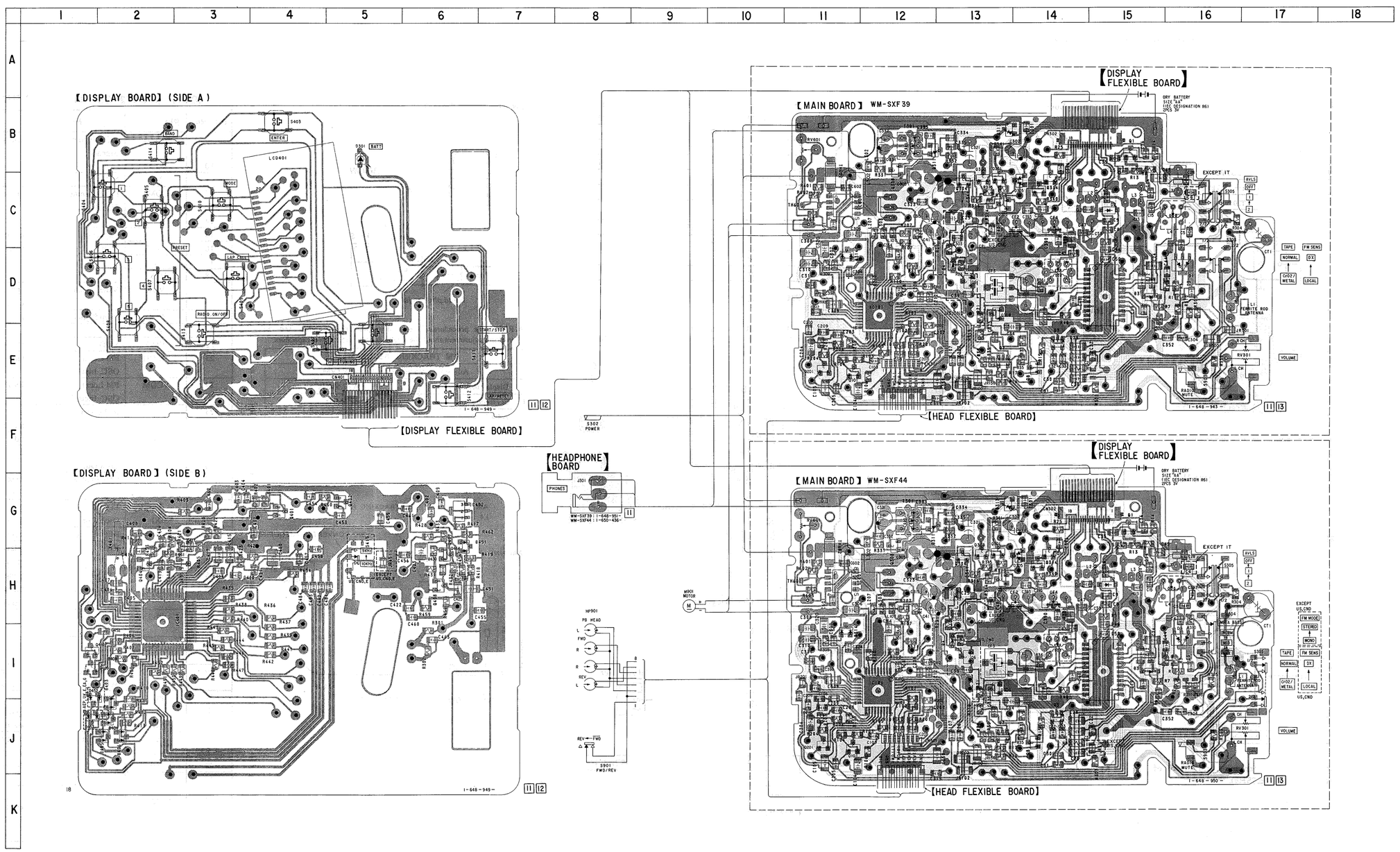


• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D1	C-16(39)	Q2	E-13(39)
D1	H-16(44)	Q2	J-13(44)
D2	C-15(39)	Q3	E-14(39)
D2	H-15(44)	Q3	J-14(44)
D3	D-15(39)	Q6	D-13(39)
D3	I-15(44)	Q6	I-13(44)
D4	D-13(39)	Q8	E-14(39)
D4	I-13(44)	Q8	J-14(44)
D301	C-5	Q101	E-11(39)
D305	C-14(39)	Q101	J-11(44)
D305	H-14(44)	Q201	E-11(39)
D311	B-13(39)	Q201	J-11(44)
D311	G-13(44)	Q301	C-13(39)
D313	B-14(39)	Q301	H-13(44)
D313	G-14(44)	Q302	C-13(39)
D314	D-11(39)	Q302	H-13(44)
D314	I-11(44)	Q303	C-13(39)
D403	J-2(44)	Q303	H-13(44)
D404	J-2	Q304	C-13(39)
D405	J-2	Q304	H-13(44)
D406	J-2	Q306	D-13(39)
D451	G-6	Q306	I-13(44)
D452	I-1	Q308	B-12(39)
D453	J-1	Q308	G-12(44)
		Q313	C-14(39)
IC1	D-15(39)	Q313	H-14(44)
IC1	I-15(44)	Q314	C-14(39)
IC101	D-12(39)	Q314	H-14(44)
IC101	I-12(44)	Q401	G-4
IC401	H-2	Q402	G-5
IC402	G-6	Q405	H-3
IC601	C-11(39)	Q407	G-6
IC601	H-11(44)	Q408	H-6
		Q409	I-1
Q1	B-15(39)	Q410	I-1
Q1	G-15(44)		

39: WM-SXF39
44: WM-SXF44

- ● : Through hole.
- ▒ : Pattern on the side which is seen. (DISPLAY board : The other layer's patterns are not indicated.)
- ▒ : Pattern of the rear side.

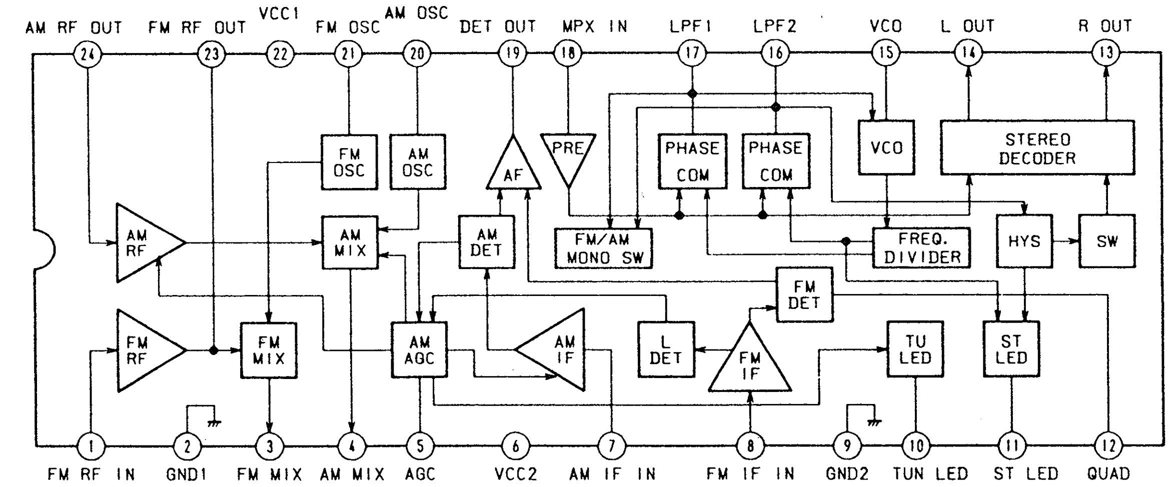


Note:

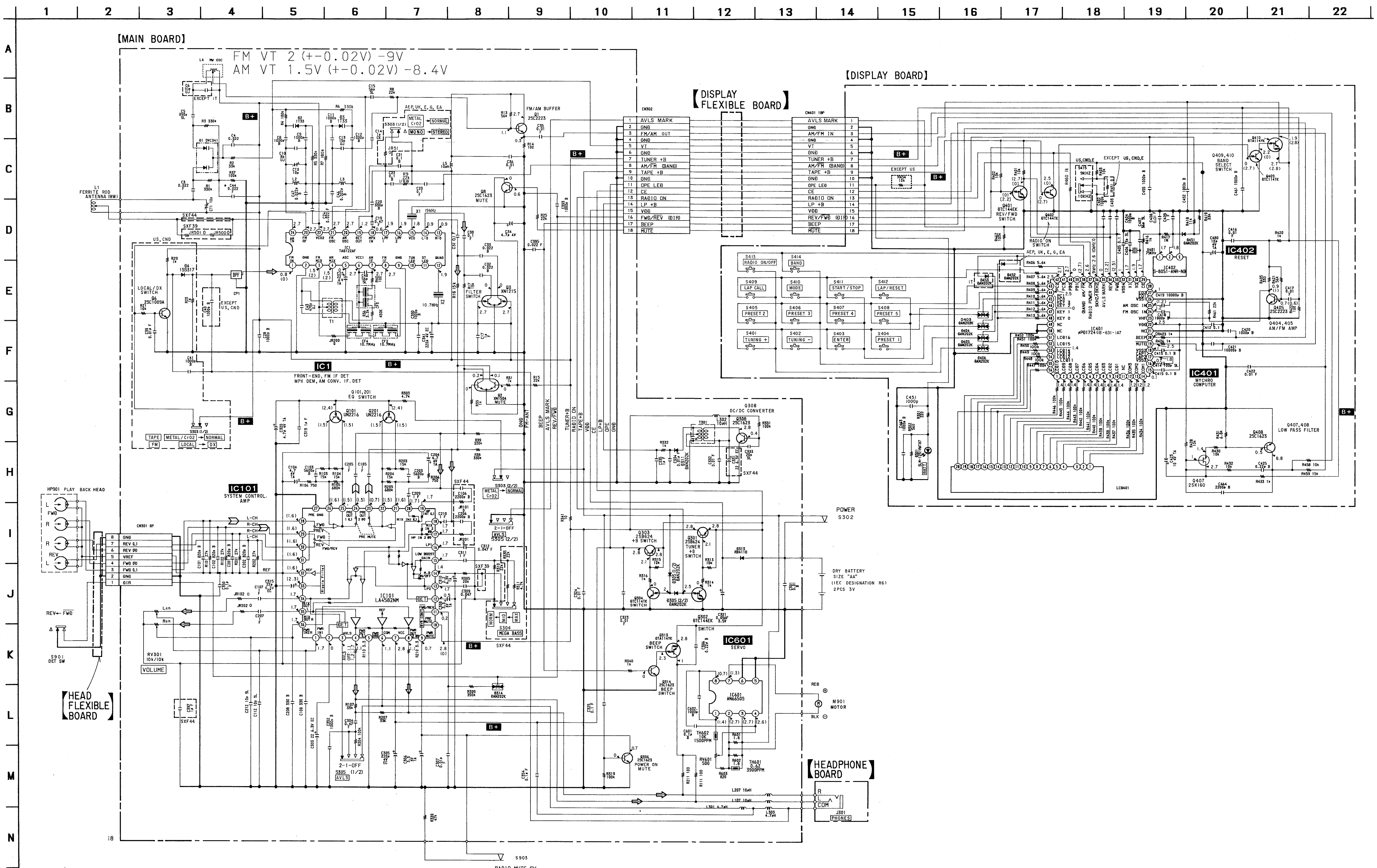
- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¹/₄W or less unless otherwise specified.
- △ : internal component.
- **B+** : B+ Line
- ▭ : adjustment for repair.
- Total current is measured with no cassette installed.
- Power voltage is dc 3 V and fed with regulated dc power supply from external power voltage jack.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  < > : AM
  ( ) : FWD
  [ ] : REW
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : FM ⧐ : PB

• **IC Block Diagram**

IC1 TA8122AF


AM RF OUT
FM RF OUT
VCC1
FM OSC
AM OSC
DET OUT
MPX IN
LPF1
LPF2
VCO
L OUT
R OUT
FM OSC
AM OSC
AF
PRE
PHASE COM
PHASE COM
VCO
STEREO DECODER
AM RF
AM MIX
AM DET
FM/AM MONO SW
FREQ. DIVIDER
HYS
SW
FM DET
FM RF
FM MIX
AM AGC
AM IF
L DET
FM IF
TU LED
ST LED
FM RF IN
GND1
FM MIX
AM MIX
AGC
VCC2
AM IF IN
FM IF IN
GND2
TUN LED
ST LED
QUAD

6-3. SCHEMATIC DIAGRAM


【MAIN BOARD】
FM VT 2 (+-0.02V) -9V
AM VT 1.5V (+-0.02V) -8.4V
【DISPLAY FLEXIBLE BOARD】
【DISPLAY BOARD】
IC1
FRONT-END, FM IF DET
MPX DEM, AM CONV. IF. DET
IC101
SYSTEM CONTROL. AMP
IC101 LA4582NM
IC401
MYCHRO COMPUTER
IC401 µPD1724GB-631-1A7
IC402
RESET
IC601
SERVO
IC601 AN6650S
Q1 2SC2223 FM/AM BUFFER
Q8 2SC1623 MUTE
Q3 XN1215 FILTER SWITCH
Q2 XN1504 MUTE
Q6 2SC1009A LOCAL/DX SWITCH
Q101,201 EQ SWITCH
Q308 DC/DC CONVERTER
Q303 2SB624 +B SWITCH
Q301 2SB624 TUNER +B SWITCH
Q304 DTC114TK SWITCH
Q302 DTC144EK SWITCH
Q313 DTA114YK BEEP SWITCH
Q314 2SC1623 BEEP SWITCH
Q306 2SC1623 POWER ON MUTE
Q401 DTC144EK REV/FWD SWITCH
Q402 DTC144TK RADIO ON SWITCH
Q409,410 BAND SELECT SWITCH
Q404,405 AM/FM AMP
Q407,408 LOW PASS FILTER
L1 FERRITE ROD ANTENNA (MW)
HP901 PLAY BACK HEAD
【HEAD FLEXIBLE BOARD】
S901 DET SW
RV301 10k/10k VOLUME
POWER S302
DRY BATTERY SIZE "AA" (IEC DESIGNATION R6) 2PCS 3V
M901 MOTOR
【HEADPHONE BOARD】
J301 PHONES
S903 RADIO MUTE SW
S304 MEGA BASS
S305 AVLS
S413 RADIO ON/OFF
S414 BAND
S409 LAP CALL
S410 MODE
S411 START/STOP
S412 LAP/RESET
S405 PRESET 2
S406 PRESET 3
S407 PRESET 4
S408 PRESET 5
S401 TUNING +
S402 TUNING −
S403 ENTER
S404 PRESET 1
LCD401
CN302
CN401 18P
CN301 8P

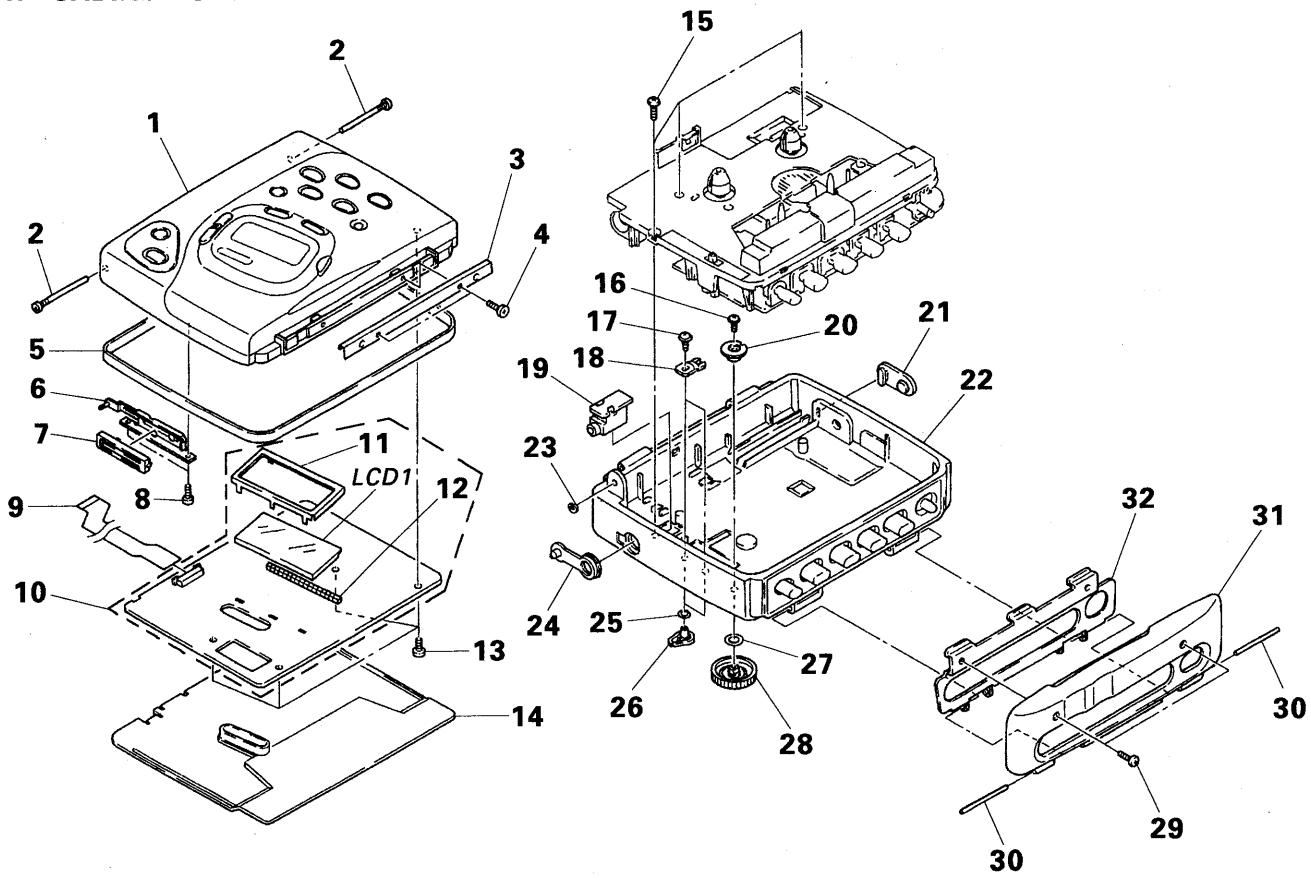
SECTION 7
EXPLODED VIEWS

NOTE:
- -xx,-x mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE)...(RED)
  ↑ ↑
  Parts color Cabinet's color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (#mark) list is given in the last of this parts list.
- Abbreviations
  IT: Italian EA: Saudi Arabia
  G: German

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les components identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

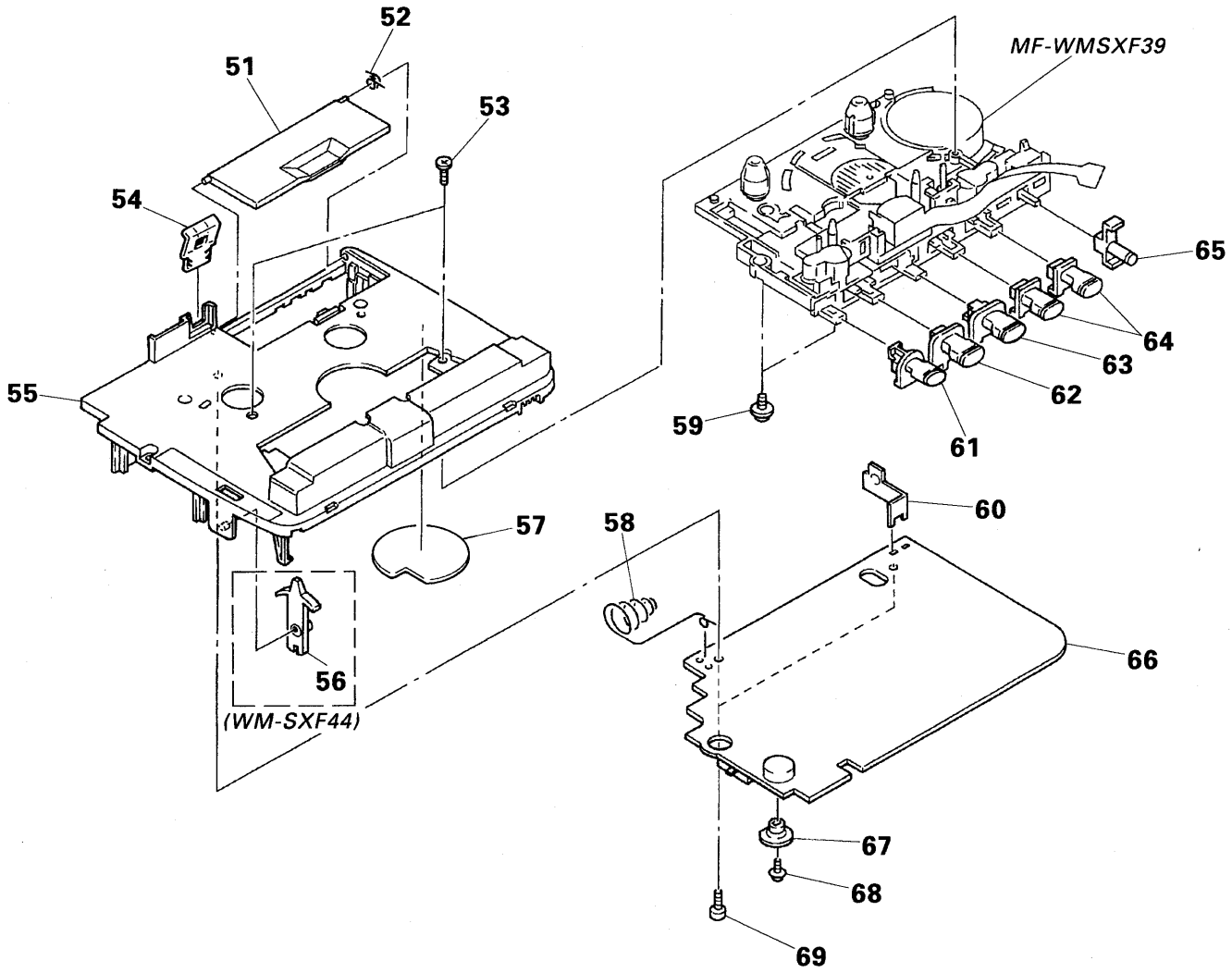
7-1. CABINET SECTION-1



Ref.No.	Part No.	Description	Remark
1	X-3366-992-1	CABINET ASSY, FRONT (SXF44)	
1	X-3367-001-1	CABINET ASSY, FRONT (SXF39)	
2	3-386-373-01	SCREW, TAPPING	
3	3-904-794-01	REINFORCEMENT	
4	3-370-960-01	SCREW, WATERPROOF	
5	3-904-793-01	PACKING, CABINET	
6	X-3366-998-1	ARM ASSY	
7	3-375-281-01	SPRING, CLICK	
8	3-318-382-51	SCREW (1.7X3.7), TAPPING	
9	1-648-948-11	FLEXIBLE BOARD	
10	A-3016-419-A	DISPLAY BOARD, COMPLETE (US)	
10	A-3016-420-A	DISPLAY BOARD, COMPLETE (AEP,UK,G,EA)	
10	A-3016-421-A	DISPLAY BOARD, COMPLETE (E)	
10	A-3016-439-A	DISPLAY BOARD, COMPLETE (Canadian)	
10	A-3016-441-A	DISPLAY BOARD, COMPLETE (IT)	
*11	3-904-782-01	CASE, SHIELD	
12	1-537-573-11	CONNECTOR, RUBBER	
13	3-909-342-01	SCREW	
14	3-904-781-01	COVER (US,Canadian,E)	
14	3-904-781-11	COVER (AEP,UK,G,IT,EA)	
15	7-685-107-19	SCREW +P 2X12 TYPE2 NON-SLIT	
16	3-389-883-01	SCREW (1.4)	

Ref.No.	Part No.	Description	Remark
17	3-381-629-11	SCREW, (B) (1.4X3), TAPPING	
18	3-904-788-01	JOINT (AVLS)	
*19	1-648-951-11	HEADPHONE BOARD (SXF39)	
*19	1-650-436-11	HEADPHONE BOARD (SXF44)	
20	3-904-810-01	JOINT (VOL)	
21	3-386-372-01	PACKING, DC JACK	
22	X-3366-988-1	CABINET ASSY, REAR (E,EA)	
22	X-3366-990-1	CABINET ASSY, REAR (G)	
22	X-3366-991-1	CABINET ASSY, REAR (SXF44:US,Canadian)	
22	X-3367-002-1	CABINET ASSY, REAR (SXF39)	
22	X-3367-625-1	CABINET ASSY, REAR (AEP,UK,IT)	
23	7-624-101-01	STOP RING 1.2 (E TYPE)	
24	3-386-371-01	PACKING, HP JACK	
25	3-326-560-02	RING (DIA. 2.5XDIA. 4.5), O	
26	3-904-785-01	KNOB (AVLS)	
27	3-326-573-01	RING (DIA.4.9X DIA.7.1), O	
28	3-904-786-01	KNOB (VOL)	
29	3-704-243-11	SCREW (P1.7X2.0)	
30	3-383-668-01	SHAFT	
31	3-904-817-01	BUCKLE	
32	3-904-791-01	BRACKET (BUCKLE)	
LCD1	1-810-162-11	DISPLAY PANEL, LIQUID CRYSTAL	

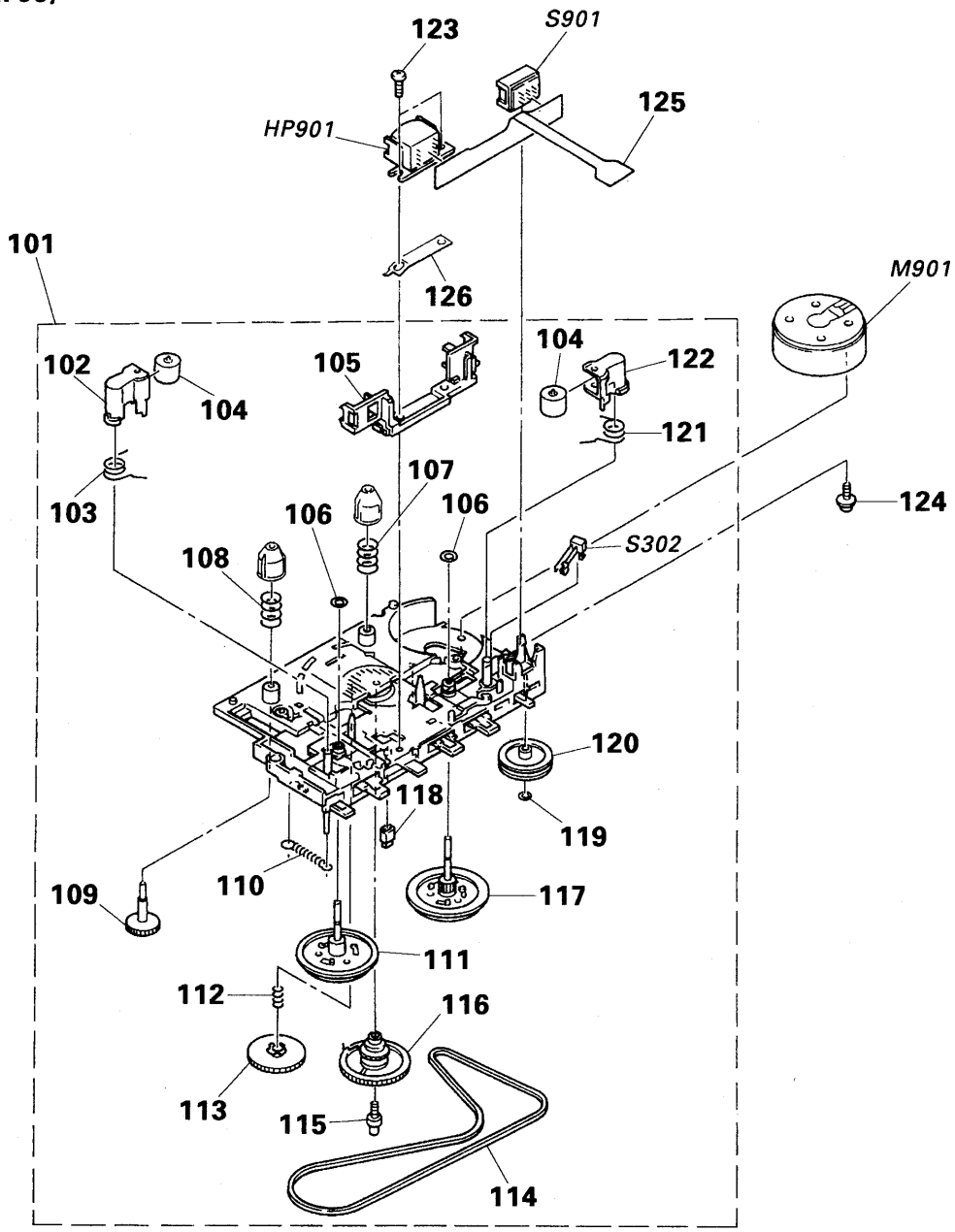
7-2. CABINET SECTION-2



Ref.No.	Part No.	Description	Remark
51	3-381-907-01	LID, BATTERY CASE	
52	3-353-712-01	SPRING, TORSION	
53	3-383-671-01	SCREW (2X5)	
54	3-904-803-01	DETENT, CASSETTE	
55	3-904-815-11	CHASSIS (SXF44:US,Canadian)	
55	3-904-815-21	CHASSIS (AEP,UK,E,G,IT,EA)	
55	3-904-815-31	CHASSIS (SXF39)	
56	3-904-798-01	KNOB (MODE) (SXF44)	
*57	3-383-669-21	PLATE, SHIELD	
58	3-904-797-01	SPRING, BATTERY COIL	
59	3-389-713-01	SCREW (2X4)	
60	3-904-796-01	TERMINAL BOARD, BATTERY	

Ref.No.	Part No.	Description	Remark
61	3-904-801-01	BUTTON (DIR)	
62	3-904-802-01	BUTTON (STOP)	
63	3-904-799-01	BUTTON (PLAY)	
64	3-904-800-01	BUTTON (FF)	
65	3-904-783-01	BUTTON (MODE)	
66	A-3060-743-A	MAIN BOARD, COMPLETE (SXF39)	
66	A-3060-744-A	MAIN BOARD, COMPLETE (SXF44:US,Canadian)	
66	A-3060-745-A	MAIN BOARD, COMPLETE (AEP,UK,E,G,EA)	
66	A-3060-786-A	MAIN BOARD, COMPLETE (IT)	
67	3-334-019-01	JOINTER (B)	
68	3-389-883-01	SCREW (1.4)	
69	7-685-103-19	SCREW +P 2X5 TYPE2 NON-SLIT	

7-3. MECHANISM DECK SECTION (MF-WMSXF39)



Ref.No.	Part No.	Description	Remark
101	X-3367-210-1	CHASSIS ASSY, SS	
102	3-906-023-01	ARM (PINCH) (R)	
103	3-906-024-01	SPRING	
104	3-905-717-01	PINCH ROLLER (R)	
105	3-905-733-01	GUIDE, TAPE	
106	3-381-882-01	WASHER (FWF STOPPER)	
107	3-905-722-01	SPRING (T REEL)	
108	3-905-723-01	SPRING (S REEL)	
109	3-905-709-01	GEAR (REEL) (L)	
110	3-905-729-01	SPRING (DIR)	
111	3-905-696-01	FW (R) ASSY	
112	3-381-868-01	SPRING (UPPER & LOWER)	
113	3-381-842-01	GEAR (TU)	
114	3-905-703-01	BELT	
115	3-905-712-01	SCREW (CLUTCH)	

Ref.No.	Part No.	Description	Remark
116	X-3367-147-1	CLUTCH ASSY	
117	3-905-695-01	FW (F) ASSY	
118	3-381-858-01	CAP (H)	
119	3-905-702-01	WASHER (IDLER)	
120	3-905-701-01	PULLEY (IDLER)	
121	3-905-718-01	SPRING	
122	3-381-850-01	ARM (PINCH) (F)	
123	3-905-735-01	SCREW (HEAD)	
124	3-381-883-01	SCREW (MOTOR)	
125	1-649-464-11	PC BOARD, FLEXIBLE	
126	3-905-734-01	SPRING, LEAF	
HP901	1-500-070-11	HEAD, MAGNETIC	
M901	X-3367-148-1	MOTOR ASSY	
S302	1-692-302-11	SWITCH, LEAF (POWER)	
S901	1-692-684-11	SWITCH, SLIDE (FWD/REV)	

SECTION 8
ELECTRICAL PARTS LIST

DISPLAY

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : μ, for example:
  uA··· : μA···, uPA··· : μPA···, uPB··· : μPB···, uPC··· : μPC···, uPD··· : μPD···
- CAPACITORS
  uF : μF
- COILS
  uH : μH
- Abbreviations
  CND: Canadian G: German
  IT: Italian EA: Saudi Arabia

When indicating parts by reference number, please include the board.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les components identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description			Remark
	A-3016-419-A	DISPLAY BOARD, COMPLETE			(US)
	A-3016-439-A	DISPLAY BOARD, COMPLETE			(CND)
	A-3016-420-A	DISPLAY BOARD, COMPLETE			(AEP, UK, G, EA)
	A-3016-421-A	DISPLAY BOARD, COMPLETE			(E)
	A-3016-441-A	DISPLAY BOARD, COMPLETE			(IT)
		**********			
	1-537-573-11	CONNECTOR, RUBBER			
*	3-904-782-01	CASE, SHIELD			
		< CAPACITOR >			
C402	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C404	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C405	1-165-319-11	CERAMIC CHIP	0.1uF	50V	
C406	1-163-097-00	CERAMIC CHIP	15PF	5% 50V	
C407	1-163-106-00	CERAMIC CHIP	36PF	5% 50V	
C408	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C409	1-164-346-11	CERAMIC CHIP	1uF	16V	
C412	1-165-319-11	CERAMIC CHIP	0.1uF	50V	
C413	1-163-077-00	CERAMIC CHIP	0.1uF	10% 25V	
C414	1-163-117-00	CERAMIC CHIP	100PF	5% 50V	
C415	1-163-077-00	CERAMIC CHIP	0.1uF	10% 25V	
C416	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C417	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C418	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C419	1-164-232-11	CERAMIC CHIP	0.01uF	50V	
C420	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C421	1-164-232-11	CERAMIC CHIP	0.01uF	50V	
C422	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C423	1-135-201-11	TANTALUM CHIP	10uF	20% 4V	
C425	1-164-299-11	CERAMIC CHIP	0.22uF	10% 25V	
C451	1-163-205-00	CERAMIC CHIP	0.001uF	5% 50V	
C452	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C455	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C461	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C463	1-163-009-11	CERAMIC CHIP	0.001uF	10% 50V	
C464	1-164-161-11	CERAMIC CHIP	0.0022uF	10% 100V	
C480	1-135-201-11	TANTALUM CHIP	10uF	20% 4V	
		< CONNECTOR >			
CN401	1-695-943-21	CONNECTOR, FPC (ZIF) 18P			

Ref.No.	Part No.	Description			Remark
		< DIODE >			
D301	8-719-991-96	DIODE	SLM-1251VW (BATT)		
D403	8-719-914-43	DIODE	DAN202K		
D404	8-719-914-43	DIODE	DAN202K		
D405	8-719-914-43	DIODE	DAN202K		
D406	8-719-914-43	DIODE	DAN202K		
D451	8-719-975-40	DIODE	RB411D		
D452	8-719-914-43	DIODE	DAN202K		(AEP, UK, E, G, EA)
D453	8-719-914-43	DIODE	DAN202K		(IT)
		< IC >			
IC401	8-759-187-60	IC	uPD1724GB-631-1A7		
IC402	8-759-922-96	IC	S-8051ANR		
		< JUMPER RESISTOR >			
JR451	1-216-295-00	METAL CHIP	0	5% 1/10W	(AEP, UK, G, IT, EA)
		< LIQID CRYSTAL DISPLAY >			
LCD401	1-810-162-11	DISPLAY PANEL, LIQUID CRYSTAL			
		< TRANSISTOR >			
Q401	8-729-901-01	TRANSISTOR	DTC144EK		
Q402	8-729-903-30	TRANSISTOR	DTC144TK		
Q405	8-729-102-06	TRANSISTOR	2SC2223-F12		(US, CND, E, IT)
Q405	8-729-102-07	TRANSISTOR	2SC2223-F13		(AEP, UK, G, EA)
Q407	8-729-116-05	TRANSISTOR	2SK160-K5		
Q408	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q409	8-729-902-XX	TRANSISTOR	DTC114TK		
Q410	8-729-900-51	TRANSISTOR	DTA114TK		
		< RESISTOR >			
R301	1-216-033-00	METAL CHIP	220	5% 1/10W	
R302	1-216-043-00	METAL CHIP	560	5% 1/10W	
R401	1-216-073-00	METAL CHIP	10K	5% 1/10W	
R402	1-216-073-00	METAL CHIP	10K	5% 1/10W	
R403	1-216-073-00	METAL CHIP	10K	5% 1/10W	

DISPLAY **DISPLAY FLEXIBLE** **HEAD FLEXIBLE** **HEADPHONE** **MAIN**

Ref.No.	Part No.	Description				Remark
R405	1-216-037-00	METAL CHIP	330	5%	1/10W	
R406	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R407	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R408	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R409	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R410	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R411	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R412	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R413	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R416	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R417	1-216-121-00	METAL CHIP	1M	5%	1/10W	
R418	1-216-074-00	METAL CHIP	11K	5%	1/10W	
R419	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R420	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R421	1-216-091-00	METAL CHIP	56K	5%	1/10W	
R422	1-216-025-00	METAL CHIP	100	5%	1/10W	
R423	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R426	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R428	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R430	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R431	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R432	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R433	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R434	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R435	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R436	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R437	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R438	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R439	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R440	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R441	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R442	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R443	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R444	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R445	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R446	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R447	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R448	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R449	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R450	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R451	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R452	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R454	1-216-073-00	METAL CHIP	10K	5%	1/10W	(EXCEPT US)
R458	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R459	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R460	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R461	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R462	1-216-097-00	METAL CHIP	100K	5%	1/10W	

Ref.No.	Part No.	Description	Remark
		< SWITCH >	
S401	1-572-921-11	SWITCH, KEY BOARD (TUNING+)	
S402	1-572-921-11	SWITCH, KEY BOARD (TUNING-)	
S403	1-572-921-11	SWITCH, KEY BOARD (ENTER)	
S404	1-572-921-11	SWITCH, KEY BOARD (PRESET 1)	
S405	1-572-921-11	SWITCH, KEY BOARD (PRESET 2)	
S406	1-572-921-11	SWITCH, KEY BOARD (PRESET 3)	
S407	1-572-921-11	SWITCH, KEY BOARD (PRESET 4)	
S408	1-572-921-11	SWITCH, KEY BOARD (PRESET 5)	
S409	1-572-921-11	SWITCH, KEY BOARD (LAP CALL)	
S410	1-572-921-11	SWITCH, KEY BOARD (MODE)	
S411	1-572-921-11	SWITCH, KEY BOARD (START/STOP)	
S412	1-572-921-11	SWITCH, KEY BOARD (LAP/RESET)	
S413	1-572-921-11	SWITCH, KEY BOARD (RADIO ON/OFF)	
S414	1-572-921-11	SWITCH, KEY BOARD (BAND)	
S415	1-571-275-31	SWITCH, SLIDE (9k/10k)	(US,CND,E)
		< VIBRATOR >	
X401	1-577-262-11	VIBRATOR, CRYSTAL (75kHz)	
		**********	
	1-648-948-11	DISPLAY FLEXIBLE BOARD	
		**********	
		**********	
	1-649-464-11	HEAD FLEXIBLE BOARD	
		**********	
		**********	
*	1-648-951-11	HEADPHONE BOARD	(SXF39)
*	1-650-436-11	HEADPHONE BOARD	(SXF44)
		**********	
J301	1-565-376-11	JACK, HEADPHONE (PHONES)	
		**********	
	A-3060-743-A	MAIN BOARD, COMPLETE	(SXF39)
	A-3060-744-A	MAIN BOARD, COMPLETE	(SXF44:US,CND)
	A-3060-745-A	MAIN BOARD, COMPLETE	(AEP,UK,E,G,EA)
	A-3060-786-A	MAIN BOARD, COMPLETE	(IT)
		**********	
		< CAPACITOR >	
C3	1-163-033-00	CERAMIC CHIP 0.022uF	50V
C4	1-163-033-00	CERAMIC CHIP 0.022uF	50V
C5	1-163-131-00	CERAMIC CHIP 390PF 5%	50V

MAIN

Ref.No.	Part No.	Description			Remark
C6	1-163-093-00	CERAMIC CHIP	10PF	5%	50V (EXCEPT IT)
C8	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C9	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C10	1-163-091-00	CERAMIC CHIP	8PF		50V
C11	1-163-205-00	CERAMIC CHIP	0.001uF	5%	50V
C12	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C13	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C14	1-163-217-11	CERAMIC CHIP	1PF	0.25PF	50V
C15	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C17	1-162-638-11	CERAMIC CHIP	1uF		16V
C19	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C20	1-163-193-00	CERAMIC CHIP	330PF	10%	50V
C21	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C22	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C23	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C24	1-163-063-00	CERAMIC CHIP	0.022uF	10%	50V
C25	1-135-202-21	TANTAL. CHIP	22uF	20%	4V
C28	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C30	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C31	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C32	1-163-037-91	CERAMIC CHIP	0.022uF	10%	25V
C33	1-163-037-91	CERAMIC CHIP	0.022uF	10%	25V
C34	1-135-151-21	TANTALUM CHIP	4.7uF	20%	4V
C35	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C36	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C39	1-163-031-11	CERAMIC CHIP	0.01uF		50V (US,CND)
C40	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V (AEP,UK,E,G,IT,EA)
C41	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V (US,CND)
C43	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C44	1-163-033-00	CERAMIC CHIP	0.022uF		50V
C46	1-163-033-00	CERAMIC CHIP	0.022uF		50V
C47	1-163-033-00	CERAMIC CHIP	0.022uF		50V
C48	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C101	1-163-139-00	CERAMIC CHIP	820PF	5%	50V
C102	1-163-139-00	CERAMIC CHIP	820PF	5%	50V
C103	1-163-018-00	CERAMIC CHIP	0.0056uF	5%	50V
C104	1-135-151-21	TANTALUM CHIP	4.7uF	20%	4V
C105	1-162-638-11	CERAMIC CHIP	1uF		16V
C106	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V (SXF44)
C107	1-164-346-11	CERAMIC CHIP	1uF		16V
C108	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C112	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C201	1-163-139-00	CERAMIC CHIP	820PF	5%	50V

Ref.No.	Part No.	Description			Remark
C202	1-163-139-00	CERAMIC CHIP	820PF	5%	50V
C203	1-163-018-00	CERAMIC CHIP	0.0056uF	5%	50V
C204	1-135-151-21	TANTALUM CHIP	4.7uF	20%	4V
C205	1-164-346-11	CERAMIC CHIP	1uF		16V
C206	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V (SXF44)
C207	1-164-346-11	CERAMIC CHIP	1uF		16V
C208	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C209	1-164-346-11	CERAMIC CHIP	1uF		16V
C210	1-164-346-11	CERAMIC CHIP	1uF		16V
C212	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C301	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C303	1-124-638-11	ELECT	22uF	20%	10V
C304	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C305	1-124-434-00	ELECT	220uF	20%	4V
C306	1-135-180-21	TANTALUM CHIP	3.3uF	20%	6.3V
C307	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C308	1-135-180-21	TANTALUM CHIP	3.3uF	20%	6.3V
C309	1-163-075-00	CERAMIC CHIP	0.047uF		50V
C310	1-135-149-21	TANTALUM CHIP	2.2uF	20%	10V
C311	1-164-346-11	CERAMIC CHIP	1uF		16V
C312	1-163-035-00	CERAMIC CHIP	0.047uF		50V
C315	1-124-638-11	ELECT	22uF	20%	10V
C319	1-164-346-11	CERAMIC CHIP	1uF		16V
C320	1-135-151-21	TANTALUM CHIP	4.7uF	20%	4V
C321	1-125-639-11	CAP, DOUBLE LAYERS			56000uF
C323	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C324	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C325	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C331	1-124-638-11	ELECT	22uF	20%	10V (SXF44)
C332	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C333	1-163-100-00	CERAMIC CHIP	20PF	5%	50V
C334	1-163-031-11	CERAMIC CHIP	0.01uF		50V
C335	1-164-346-11	CERAMIC CHIP	1uF		16V
C341	1-124-434-00	ELECT	220uF	20%	4V
C350	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C352	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C354	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C390	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C393	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C395	1-163-033-00	CERAMIC CHIP	0.022uF		50V
C396	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C397	1-164-346-11	CERAMIC CHIP	1uF		16V (SXF44)
C601	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C602	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V

MAIN

Ref.No.	Part No.	Description	Remark
		< FILTER >	
CF2	1-577-339-11	FILTER, CERAMIC	
CF3	1-577-261-21	FILTER, CERAMIC	
CF4	1-577-339-11	FILTER, CERAMIC	
		< CONNECTOR >	
CN301	1-568-558-21	HOUSING, CONNECTOR (FPC) 8P	
CN302	1-695-943-21	CONNECTOR, FPC (ZIF) 18P	
		< BANDF PASS FILTER >	
CP1	1-236-711-21	FILTER, BAND PASS	
		< TRIMMER >	
CT1	1-141-463-11	CAP, ADJ	
CT3	1-141-463-11	CAP, ADJ	
		< DIODE >	
D1	8-719-945-31	DIODE SVC341-L	
D2	8-713-300-57	DIODE 1T33	
D3	8-713-300-57	DIODE 1T33	
D4	8-719-018-85	DIODE 1SS317	(US,CND)
D305	8-719-914-43	DIODE DAN202K	
D311	8-719-914-43	DIODE DAN202K	
D313	8-719-975-40	DIODE RB411D	
D314	8-719-914-43	DIODE DAN202K	
		< IC >	
IC1	8-759-230-39	IC TA8122AF	
IC101	8-759-179-73	IC LA4582NM	
IC601	8-759-403-47	IC AN6650S	
		< JUMPER RESISTOR >	
JR51	1-216-295-00	METAL CHIP 0 5% 1/10W	(AEP,UK,E,G,EA)
JR100	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR101	1-216-295-00	METAL CHIP 0 5% 1/10W	(SXF44)
JR102	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR150	1-216-295-00	METAL CHIP 0 5% 1/10W	
JR200	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR201	1-216-295-00	METAL CHIP 0 5% 1/10W	(SXF44)
JR202	1-216-296-00	METAL CHIP 0 5% 1/8W	
JR500	1-216-296-00	METAL CHIP 0 5% 1/8W	(SXF39)
JR501	1-216-295-00	METAL CHIP 0 5% 1/10W	(SXF39)
		< COIL >	
L1	1-501-616-11	ANTENNA, FERRITE-ROD (MW)	
L2	1-406-802-11	COIL	
L3	1-406-803-11	COIL (OSC)	
L4	1-406-489-11	COIL (OSC)	
L5	1-412-006-31	INDUCTOR CHIP 10uH	
L107	1-412-006-31	INDUCTOR CHIP 10uH	
L207	1-412-006-31	INDUCTOR CHIP 10uH	
L301	1-412-002-31	INDUCTOR CHIP 4.7uH	
L302	1-412-006-31	INDUCTOR CHIP 10uH	
L303	1-412-002-31	INDUCTOR CHIP 4.7uH	
		< TRANSISTOR >	
Q1	8-729-102-06	TRANSISTOR 2SC2223	(SXF39)
Q1	8-729-102-08	TRANSISTOR 2SC2223-F14	(SXF44)
Q2	8-729-020-92	TRANSISTOR XN1504-TX	
Q3	8-729-403-17	TRANSISTOR XN1215	
Q6	8-729-101-25	TRANSISTOR 2SC1009A-FA4	(US,CND)
Q8	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q101	8-729-424-67	TRANSISTOR UN2216	
Q201	8-729-424-67	TRANSISTOR UN2216	
Q301	8-729-141-48	TRANSISTOR 2SB624-BV345	
Q302	8-729-901-01	TRANSISTOR DTC144EK	
Q303	8-729-141-48	TRANSISTOR 2SB624-BV345	
Q304	8-729-902-XX	TRANSISTOR DTC114TK	
Q306	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q308	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q313	8-729-901-46	TRANSISTOR DTA114YK	
Q314	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
		< RESISTOR >	
R1	1-216-109-00	METAL GLAZE 330K 5% 1/10W	
R2	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R3	1-216-109-00	METAL GLAZE 330K 5% 1/10W	
R4	1-216-103-00	METAL CHIP 180K 5% 1/10W	
R5	1-216-109-00	METAL GLAZE 330K 5% 1/10W	
R6	1-216-109-00	METAL GLAZE 330K 5% 1/10W	
R7	1-216-103-00	METAL GLAZE 180K 5% 1/10W	
R8	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R9	1-216-230-00	METAL GLAZE 22K 5% 1/8W	
R13	1-216-091-00	METAL CHIP 56K 5% 1/10W	
R14	1-216-025-00	METAL CHIP 100 5% 1/10W	
R15	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R16	1-216-077-00	METAL CHIP 15K 5% 1/10W	
R17	1-216-077-00	METAL CHIP 15K 5% 1/10W	
R21	1-216-073-00	METAL CHIP 10K 5% 1/10W	(US,CND)
R23	1-216-049-00	METAL CHIP 1K 5% 1/10W	(US,CND)
R25	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R29	1-216-049-00	METAL CHIP 1K 5% 1/10W	(US,CND)

Ref.No.	Part No.	Description				Remark
R31	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R35	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R36	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R37	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R38	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R39	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R40	1-216-025-00	METAL CHIP	100	5%	1/10W	
R101	1-216-083-00	METAL CHIP	27K	5%	1/10W	
R102	1-216-083-00	METAL CHIP	27K	5%	1/10W	
R103	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R104	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R105	1-216-117-00	METAL CHIP	680K	5%	1/10W	
R106	1-216-046-00	METAL CHIP	750	5%	1/10W	
R107	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R110	1-216-304-11	METAL CHIP	3.3	5%	1/10W	
R111	1-216-025-00	METAL CHIP	100	5%	1/10W	
R201	1-216-083-00	METAL CHIP	27K	5%	1/10W	
R202	1-216-083-00	METAL CHIP	27K	5%	1/10W	
R203	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R204	1-216-077-00	METAL CHIP	15K	5%	1/10W	
R205	1-216-117-00	METAL CHIP	680K	5%	1/10W	
R206	1-216-046-00	METAL CHIP	750	5%	1/10W	
R207	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R210	1-216-304-11	METAL CHIP	3.3	5%	1/10W	
R211	1-216-025-00	METAL CHIP	100	5%	1/10W	
R303	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R304	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R305	1-216-080-00	METAL CHIP	20K	5%	1/10W	
R309	1-216-111-00	METAL CHIP	390K	5%	1/10W	
R310	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R311	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	(SXF44)
R313	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R314	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R315	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R316	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R319	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R331	1-216-097-00	METAL CHIP	100K	5%	1/10W	
R332	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R335	1-216-081-00	METAL CHIP	22K	5%	1/10W	(SXF44)
R339	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R340	1-216-049-00	METAL CHIP	1K	5%	1/10W	
R341	1-216-001-00	METAL CHIP	10	5%	1/10W	

Ref.No.	Part No.	Description				Remark
R601	1-217-907-11	METAL CHIP	1.8	5%	1/10W	
R602	1-217-907-11	METAL CHIP	1.8	5%	1/10W	
R603	1-216-047-00	METAL CHIP	820	5%	1/10W	
		< VARIABLE RESISTOR >				
RV301	1-230-593-11	RES, VAR, CARBON 10K/10K (VOLUME)				
RV601	1-238-594-11	RES, ADJ, CARBON 500				
		< SWITCH >				
S303	1-571-674-11	SWITCH, SLIDE (TAPE/FM SENS)				(SXF39)
S303	1-571-277-31	SWITCH, SLIDE (TAPE/FM SENS)				(SXF44)
S304	1-692-034-11	SWITCH, SLIDE (MEGA BASS)				(SXF44)
S305	1-692-034-11	SWITCH, SLIDE (AVLS)				
S903	1-572-288-11	SWITCH, PUSH (RADIO MUTE)				
		< TRANSFORMER >				
T1	1-406-804-11	TRANSFORMER, IF				
T301	1-449-138-61	TRANSFORMER, DC-DC CONVERTER				
		< THERMISTOR >				
TH601	1-809-279-11	THERMISTOR, POSITIVE				
TH602	1-810-527-11	THERMISTOR, POSITIVE				
		< VIBRATOR >				
X1	1-577-091-11	OSCILLATOR, CRYSTAL (19kHz)				
X2	1-577-341-11	FILTER, CERAMIC (10.7MHz)				

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MISCELLANEOUS
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58	3-904-797-01	SPRING, BATTERY COIL
67	3-334-019-01	JOINTER (B)
68	3-389-883-01	SCREW (1.4)
125	1-649-464-11	PC BOARD, FLEXIBLE
HP901	1-500-070-11	HEAD, MAGNETIC
L1	1-501-616-11	ANTENNA, FERRITE ROD (MW)
M901	X-3367-148-1	MOTOR ASSY
S302	1-692-302-11	SWITCH, LEAF (POWER)
S901	1-692-684-11	SWITCH, SLIDE (FWD/REV)

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Ref.No.	Part No.	Description	Remark
		ACCESSORIES & PACKING MATERIALS	
		******************************	
	3-326-162-01	WASHER, POLYETHYLENE, SLIT	
	3-351-144-21	SCREW, CARRYING CASE	
	3-375-287-01	GRIP, HAND (US, CND)	
	3-378-100-11	RING (US, CND)	
	3-378-331-01	SCREW, CARRYING CASE (US, CND)	
	3-757-185-11	MANUAL, INSTRUCTION (ENGLISH,FRENCH)	(AEP,UK,E,G,IT,EA)
	3-757-185-21	MANUAL, INSTRUCTION (ENGLISH)	(US)
	3-757-185-31	MANUAL, INSTRUCTION (ENGLISH,FRENCH)	(CND)
	3-757-185-41	MANUAL, INSTRUCTION (SPANISH,GERMAN)	(AEP,E,G,IT,EA)
	3-757-185-51	MANUAL, INSTRUCTION (DUTCH,SWEDISH)	(AEP,IT)
	3-757-185-61	MANUAL, INSTRUCTION (ITALIAN,PORTUGUESE)	(AEP,IT)
*	3-904-577-01	CUSHION (LOWER) (SXF39:US)	
*	3-904-581-01	INDIVIDUAL CARTON (CND)	
*	3-904-582-01	CUSHION (CND)	
*	3-904-585-01	CUSHION (UPPER) (SXF39:US)	
*	3-904-593-01	CUSHION (SXF44)	
*	3-904-595-01	INDIVIDUAL CARTON (SXF44:US,CND)	
*	3-904-596-01	INDIVIDUAL CARTON (AEP,UK,E,G,IT,EA)	
	3-904-812-01	BRACKET (GRIP) (US,CND)	
	8-952-216-94	HEADPHONE MDR-E215/Y SET (AEP,UK,E,G,IT,EA)	
	8-953-580-90	HEADPHONE MDR-W07G SET (US,CND)	
	X-3366-999-1	CASE ASSY, CARRYING	

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